

FILE 'STNGUIDE' ENTERED AT 17:16:03 ON 17 NOV 2000

FILE 'REGISTRY' ENTERED AT 17:26:04 ON 17 NOV 2000

L21 STRUCTURE UPLOADED
L22 3 S L21
L23 STRUCTURE UPLOADED
L24 50 S L23
L25 56145 S L23 FULL

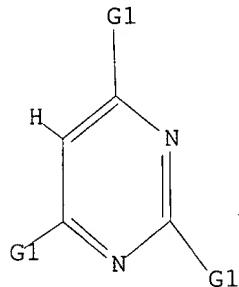
FILE 'CAPLUS' ENTERED AT 17:29:38 ON 17 NOV 2000

L26 8897 S L25
L27 30 S L26 AND (COMBINATORIAL OR LIBRARY)

FILE 'STNGUIDE' ENTERED AT 17:40:24 ON 17 NOV 2000

=> d 123

L23 HAS NO ANSWERS
L23 STR



G1 Cb,Cy,Hy,C,O,S,N,P,Se

Structure attributes must be viewed using STN Express query preparation.

=> d his

(FILE 'HOME' ENTERED AT 16:13:23 ON 17 NOV 2000)

FILE 'CAPLUS, USPATFULL, MEDLINE, SCISEARCH, BIOSIS' ENTERED AT 16:13:44
ON 17 NOV 2000

L1 17262 S SULFONYLUREA
L2 596 S L1 (P) MIXTURE
L3 16 S L2 (P) SIX
L4 189 S L1 (10A) MIXTURE
L5 172 DUP REM L4 (17 DUPLICATES REMOVED)

FILE 'STNGUIDE' ENTERED AT 16:21:57 ON 17 NOV 2000

FILE 'CAPLUS, USPATFULL, MEDLINE, SCISEARCH' ENTERED AT 16:22:45 ON 17
NOV 2000

FILE 'STNGUIDE' ENTERED AT 16:22:46 ON 17 NOV 2000

L6 0 S L1 AND LIBRARY]
L7 0 S L1 AND LIBRARY

FILE 'CAPLUS, USPATFULL, MEDLINE, SCISEARCH, BIOSIS' ENTERED AT 16:25:47
ON 17 NOV 2000

L8 224 S L1 AND LIBRARY
L9 65 S L1 (P) LIBRARY
L10 46 DUP REM L9 (19 DUPLICATES REMOVED)

FILE 'STNGUIDE' ENTERED AT 16:29:08 ON 17 NOV 2000

FILE 'CAPLUS, USPATFULL, MEDLINE, SCISEARCH, BIOSIS' ENTERED AT 16:31:22
ON 17 NOV 2000

L11 282 S L1 (P) STANDARD
L12 18 S L1 (P) STANDARD (P) MIXTURE
L13 12 DUP REM L12 (6 DUPLICATES REMOVED)

FILE 'STNGUIDE' ENTERED AT 16:36:52 ON 17 NOV 2000

FILE 'CAPLUS, USPATFULL, MEDLINE, SCISEARCH, BIOSIS' ENTERED AT 16:37:18
ON 17 NOV 2000

L14 2258 S GLIPIZIDE
L15 24 S L14 (P) STRUCTURE

FILE 'STNGUIDE' ENTERED AT 16:38:24 ON 17 NOV 2000

FILE 'REGISTRY' ENTERED AT 16:42:14 ON 17 NOV 2000

L16 1 S 29094-61-9 /RN
L17 1 S 10238-21-8/RN
L18 1 S 94-20-2 /RN

FILE 'STNGUIDE' ENTERED AT 16:47:39 ON 17 NOV 2000

FILE 'CAPLUS, MEDLINE, SCISEARCH, BIOSIS' ENTERED AT 16:52:02 ON 17 NOV
2000

FILE 'STNGUIDE' ENTERED AT 16:52:05 ON 17 NOV 2000

FILE 'STNGUIDE' ENTERED AT 16:53:27 ON 17 NOV 2000

FILE 'CAPLUS, USPATFULL, MEDLINE, SCISEARCH, BIOSIS' ENTERED AT 16:55:45

ON 17 NOV 2000

FILE 'STNGUIDE' ENTERED AT 16:55:45 ON 17 NOV 2000

FILE 'CAPLUS, USPATFULL, MEDLINE, SCISEARCH' ENTERED AT 16:56:58 ON 17 NOV 2000

FILE 'STNGUIDE' ENTERED AT 16:56:59 ON 17 NOV 2000

FILE 'STNGUIDE' ENTERED AT 17:00:02 ON 17 NOV 2000

FILE 'STNGUIDE' ENTERED AT 17:10:10 ON 17 NOV 2000

FILE 'CAPLUS, USPATFULL, MEDLINE, SCISEARCH, BIOSIS' ENTERED AT 17:14:20 ON 17 NOV 2000

E GORDEEV ?/AU

E GORDEEV ?/AU

E GORDEEV M?/AU

L19 40 S E4-5

L20 31 DUP REM L19 (9 DUPLICATES REMOVED)

FILE 'STNGUIDE' ENTERED AT 17:16:03 ON 17 NOV 2000

=> d his

(FILE 'HOME' ENTERED AT 13:20:14 ON 17 NOV 2000)

FILE 'REGISTRY' ENTERED AT 13:20:32 ON 17 NOV 2000

L1 STRUCTURE uploaded

L2 0 S L1

L3 2 S L1 FULL

FILE 'CAPLUS, USPATFULL' ENTERED AT 13:21:19 ON 17 NOV 2000

L4 1 S L3

FILE 'STNGUIDE' ENTERED AT 13:22:09 ON 17 NOV 2000

FILE 'REGISTRY' ENTERED AT 13:28:29 ON 17 NOV 2000

L5 STRUCTURE uploaded

L6 50 S L5

L7 46734 S L5 FULL

FILE 'CAPLUS, USPATFULL' ENTERED AT 13:30:59 ON 17 NOV 2000

FILE 'CAPLUS' ENTERED AT 13:32:34 ON 17 NOV 2000

L8 23328 S L7

L9 43 S L8 AND (COMBINATORIAL OR LIBRARY)

FILE 'STNGUIDE' ENTERED AT 13:36:00 ON 17 NOV 2000

FILE 'STNGUIDE' ENTERED AT 13:39:47 ON 17 NOV 2000

FILE 'STNGUIDE' ENTERED AT 13:44:13 ON 17 NOV 2000

FILE 'STNGUIDE' ENTERED AT 13:49:34 ON 17 NOV 2000

FILE 'CAPLUS' ENTERED AT 13:55:20 ON 17 NOV 2000

FILE 'STNGUIDE' ENTERED AT 13:55:20 ON 17 NOV 2000

FILE 'STNGUIDE' ENTERED AT 13:55:36 ON 17 NOV 2000

=> FILE REGISTRY

COST IN U.S. DOLLARS

| SINCE FILE ENTRY | TOTAL SESSION |
|------------------|---------------|
| 0.15 | 0.15 |

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 13:20:32 ON 17 NOV 2000
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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STRUCTURE FILE UPDATES: 16 NOV 2000 HIGHEST RN 303081-94-9
DICTIONARY FILE UPDATES: 16 NOV 2000 HIGHEST RN 303081-94-9

TSCA INFORMATION NOW CURRENT THROUGH July 8, 2000

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Structure search limits have been increased. See HELP SLIMIT
for details.

=>

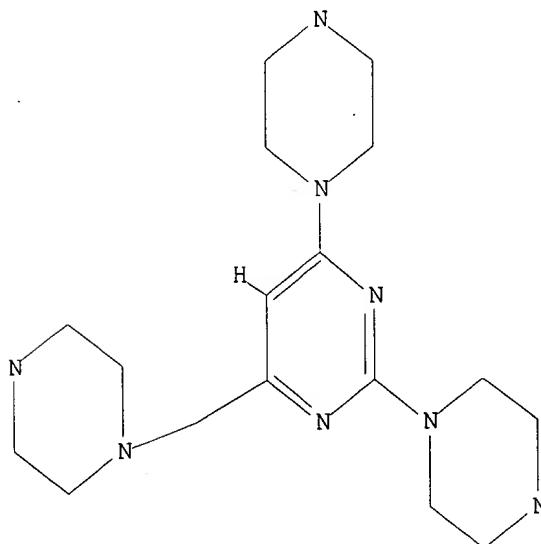
Uploading 08884873.str

L1 STRUCTURE UPLOADED

=> d 11

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 11

SAMPLE SEARCH INITIATED 13:20:55 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 7 TO ITERATE

100.0% PROCESSED 7 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 7 TO 298
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 13:21:07 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 260 TO ITERATE

100.0% PROCESSED 260 ITERATIONS 2 ANSWERS
SEARCH TIME: 00.00.01

L3 2 SEA SSS FUL L1

=> file caplu, uspatfull

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|----------------------|------------------|---------------|
| FULL ESTIMATED COST | 126.30 | 126.45 |

FILE 'CAPLUS' ENTERED AT 13:21:19 ON 17 NOV 2000
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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FILE 'USPATFULL' ENTERED AT 13:21:19 ON 17 NOV 2000
CA INDEXING COPYRIGHT (C) 2000 AMERICAN CHEMICAL SOCIETY (ACS)

=> s l3

L4 1 L3

=> d ibib hitstr

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 1999:42619 CAPLUS
DOCUMENT NUMBER: 130:110283
TITLE: Nucleobase heterocyclic combinatorialization
INVENTOR(S): Cook, Phillip Dan; An, Haoyun; Guinossio, Charles J.;
Fraser, Allister S.; Kawasaki, Andrew M.
PATENT ASSIGNEE(S): Isis Pharmaceuticals, Inc., USA
SOURCE: PCT Int. Appl., 129 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|----------|
| WO 9900669 | A1 | 19990107 | WO 1998-US13666 | 19980630 |
| W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, | | | | |

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2000 ACS
 ACCESSION NUMBER: 1999:42619 CAPLUS
 DOCUMENT NUMBER: 130:110283
 TITLE: Nucleobase heterocyclic combinatorialization
 INVENTOR(S): Cook, Phillip Dan; An, Haoyun; Guinossio, Charles J.;
 Fraser, Allister S.; Kawasaki, Andrew M.
 PATENT ASSIGNEE(S): Isis Pharmaceuticals, Inc., USA
 SOURCE: PCT Int. Appl., 129 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------|
| WO 9900669 | A1 | 19990107 | WO 1998-US13666 | 19980630 |
| W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG | | | | |
| AU 9881791 | A1 | 19990119 | AU 1998-81791 | 19980630 |
| PRIORITY APPLN. INFO.: | | | US 1997-884873 | 19970630 |
| | | | WO 1998-US13666 | 19980630 |

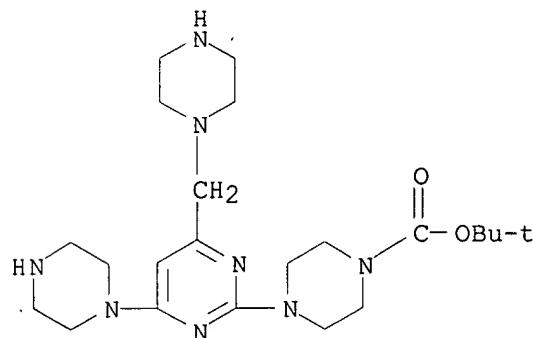
IT 219688-51-4P

RL: BAC (Biological activity or effector, except adverse); RCT
 (Reactant);
 SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
 (combinatorialization of nucleobase heterocyclic)

RN 219688-51-4 CAPLUS

CN 1-Piperazinecarboxylic acid,

4-[4-(1-piperazinyl)-6-(1-piperazinylmethyl)-
 2-pyrimidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

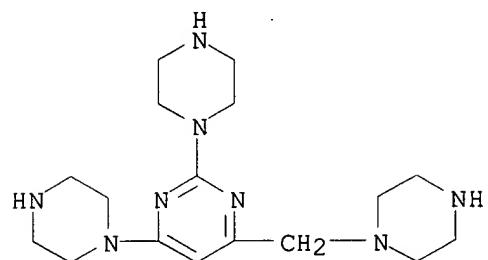


IT 219688-56-9P

RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic
 preparation); BIOL (Biological study); PREP (Preparation)
 (combinatorialization of nucleobase heterocyclic)

RN 219688-56-9 CAPLUS

CN Pyrimidine, 2,4-di-1-piperazinyl-6-(1-piperazinylmethyl)-,



• 6 HCl

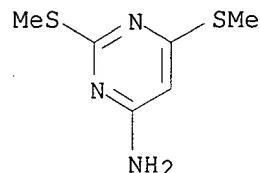
REFERENCE COUNT:

4

REFERENCE(S):

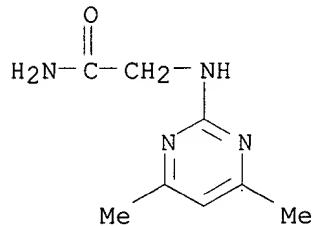
- (1) Baindur; US 5464285 A 1997
- (2) Michnick; US 5470878 A 1995 CAPLUS
- (3) Sphinx Pharmaceutical Corporation; WO 9504277 A1 1995 CAPLUS
- (4) Summerton; US 5506337 A 1996 CAPLUS

TITLE: Solid-phase synthesis of 2,4,6-triaminopyrimidines
 AUTHOR(S): Guillier, Fabrice; Roussel, Patrick; Moser, Heinz;
 Kane, Peter; Bradley, Mark
 CORPORATE SOURCE: Department of Chemistry, Southampton University,
 Southampton, SO17 1BJ, UK
 SOURCE: Chem.--Eur. J. (1999), 5(12), 3450-3458
 CODEN: CEUJED; ISSN: 0947-6539
 PUBLISHER: Wiley-VCH Verlag GmbH
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 132:151771
 IT 6299-28-1P 60722-63-6P 78449-02-2P
 78449-04-4P 97229-14-6P 257957-20-3P
 257957-21-4P 257957-22-5P 257957-23-6P
 257957-24-7P 257957-25-8P 257957-26-9P
 257957-27-0P 257957-28-1P 257957-29-2P
 257957-30-5P 257957-31-6P 257957-32-7P
 257957-33-8P 257957-34-9P 257957-36-1P
 257957-41-8P 257957-42-9P 257957-45-2P
 257957-46-3P 257957-47-4P 258267-98-0P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (solid-phase synthesis of pyrimidinetriamine library)
 RN 6299-28-1 CAPLUS
 CN 4-Pyrimidinamine, 2,6-bis(methylthio)- (9CI) (CA INDEX NAME)



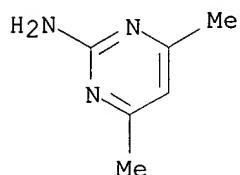
ACCESSION NUMBER: 1997:12505 CAPLUS
 DOCUMENT NUMBER: 126:47111
 TITLE: Methods for synthesizing diverse collections of
 pyridines, pyrimidines, 1,4-dihydro derivatives
 thereof, and piperidine derivatives
 INVENTOR(S): Gordeev, Mikhail F.; Patel, Dinesh V.
 PATENT ASSIGNEE(S): Glaxo Group Limited, UK
 SOURCE: PCT Int. Appl., 15 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|----------|-----------------|----------|
| WO 9633972 | A1 | 19961031 | WO 1996-US5956 | 19960429 |
| W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI | | | | |
| RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN | | | | |
| AU 9659180 | A1 | 19961118 | AU 1996-59180 | 19960529 |
| PRIORITY APPLN. INFO.: | | | US 1995-431083 | 19950428 |
| | | | WO 1996-US5956 | 19960429 |
| OTHER SOURCE(S): | CASREACT 126:47111; MARPAT 126:47111 | | | |
| IT 184681-75-2P | RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of libraries of pyridines, pyrimidines, their 1,4-dihydro derivs., and piperidines) | | | |
| RN 184681-75-2 | CAPLUS | | | |
| CN Acetamide, 2-[(4,6-dimethyl-2-pyrimidinyl)amino]- (9CI) | (CA INDEX NAME) | | | |



ACCESSION NUMBER: 1996:369153 CAPLUS
DOCUMENT NUMBER: 125:34037
TITLE: Preparation of soluble combinatorial libraries using soluble macromolecular supports
INVENTOR(S): Janda, Kim; Han, Hyunsoo
PATENT ASSIGNEE(S): Scripps Research Institute, USA
SOURCE: PCT Int. Appl., 154 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|---|----------|-----------------|----------|
| WO 9603418 | A1 | 19960208 | WO 1995-US9614 | 19950726 |
| W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TT | | | | |
| RW: KE, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG | | | | |
| CA 2195321 | AA | 19960208 | CA 1995-2195321 | 19950726 |
| AU 9532722 | A1 | 19960222 | AU 1995-32722 | 19950726 |
| AU 697920 | B2 | 19981022 | | |
| EP 772623 | A1 | 19970514 | EP 1995-929334 | 19950726 |
| SE | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, | | | |
| JP 10506379 | T2 | 19980623 | JP 1995-505990 | 19950726 |
| PRIORITY APPLN. INFO.: | | | | |
| | | | US 1994-281200 | 19940726 |
| | | | US 1995-484153 | 19950607 |
| | | | WO 1995-US9614 | 19950726 |
| IT | 767-15-7, 2-Amino-4,6-dimethylpyrimidine | | | |
| RL: | RCT (Reactant) | | | |
| | (prepn. of sol. combinatorial libraries using sol. macromol. supports) | | | |
| RN | 767-15-7 CAPLUS | | | |
| CN | 2-Pyrimidinamine, 4,6-dimethyl- (9CI) (CA INDEX NAME) | | | |



ACCESSION NUMBER: 1999:160036 USPATFULL
TITLE: Method for treating Mycobacterium tuberculosis
INVENTOR(S): Grandoni, Jerry, Haddonfield, NJ, United States
PATENT ASSIGNEE(S): University of Medicine & Dentistry of New Jersey, Newark, NJ, United States (U.S. corporation)

| | NUMBER | DATE |
|-----------------------|--|--------------|
| PATENT INFORMATION: | US 5998420 | 19991207 |
| APPLICATION INFO.: | US 1996-629241 | 19960408 (8) |
| DOCUMENT TYPE: | Utility | |
| PRIMARY EXAMINER: | Weddington, Kevin E. | |
| LEGAL REPRESENTATIVE: | Muccino, Richard R | |
| NUMBER OF CLAIMS: | 10 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 7 Drawing Figure(s); 7 Drawing Page(s) | |
| LINE COUNT: | 1130 | |

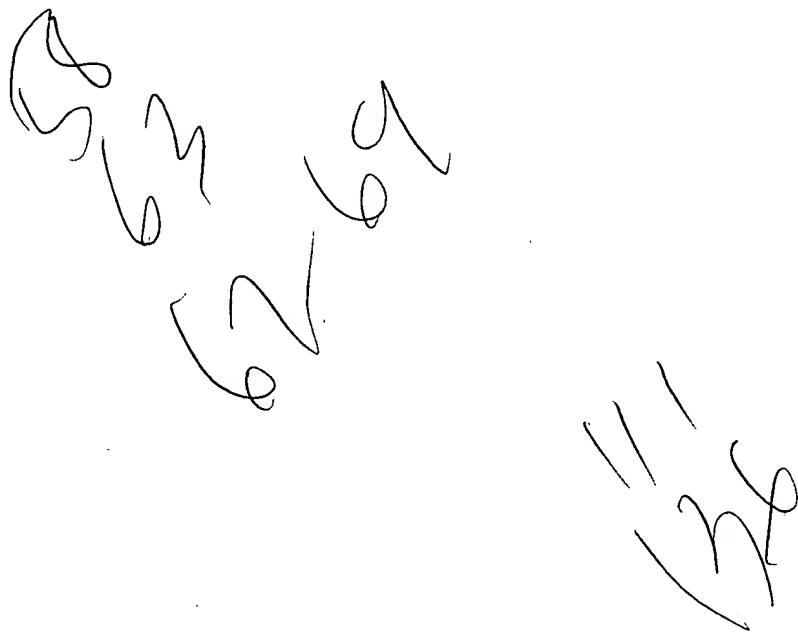
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

DETD Synthesis for combinatorial optimization of inhibitory **sulfonylureas** can be carried out by multiplex syntheses (multiple simultaneous syntheses) (Mitscher, 1995) such as with a combinatorial reactor. The reactor. . . (separatory funnel). The multiplex reactor and the Waters-Vacuum Manifold apparatus have been used successfully in the Mitscher group to prepare **libraries** of hundreds of novel quinolone antibacterial agents and other drug c

ACCESSION NUMBER: 1998:576675 SCISEARCH
THE GENUINE ARTICLE: 102NL
TITLE: Phosgenated p-nitrophenyl(polystyrene)ketoxime or phoxime resin. A new resin for the solid-phase synthesis of ureas via thermolytic cleavage of oxime-carbamates
AUTHOR: Scialdone M A (Reprint); Shuey S W; Soper P; Hamuro Y; Burns D M
CORPORATE SOURCE: DUPONT CO INC, CENT RES & DEV, EXPT STN, POB 80328, WILMINGTON, DE 19880 (Reprint)
COUNTRY OF AUTHOR: USA
SOURCE: JOURNAL OF ORGANIC CHEMISTRY, (10 JUL 1998) Vol. 63, No. 14, pp. 4802-4807.
Publisher: AMER CHEMICAL SOC, 1155 16TH ST, NW, WASHINGTON, DC 20036.
ISSN: 0022-3263.
DOCUMENT TYPE: Article; Journal
FILE SEGMENT: PHYS; LIFE
LANGUAGE: English
REFERENCE COUNT: 46
STP KeyWords Plus (R): POLYMER-BOUND OXIME; UNSYMMETRICAL UREAS; EXPEDIENT METHOD; ISOCYANATES; LIBRARIES; QUINAZOLINE-2,4-DIONES; SULFONYLUREAS; NONPEPTIDE; DIVERSITY; ALCOHOLS

ACCESSION NUMBER: 1995:415272 CAPLUS
DOCUMENT NUMBER: 122:180904
TITLE: Collection of ion-trap mass spectra of sulfonylurea
pyrolysis products
AUTHOR(S): Galletti, Guido C.; Dinelli, Giovanni; Chiavari,
Giuseppe
CORPORATE SOURCE: Ist. Microbiol. Tecnol. Agraria Forestale, Univ.
Reggio Calabria, Gallina, 89061, Italy
SOURCE: J. Mass Spectrom. (1995), 30(2), 333-8
CODEN: JMSPFJ; ISSN: 1076-5174
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 74223-56-6, Sulfometuron 99283-01-9, Bensulfuron
113036-87-6, Primisulfuron 120923-37-7, Amidosulfuron
122931-48-0, Rimsulfuron

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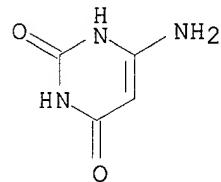
| | |
|---------------------|--|
| Article title | Collection of Ion-trap Mass Spectra of Sulfonylurea Pyrolysis Products |
| Article identifier | 1076517495100476 |
| Authors | Galletti_G_C Dinelli_G Chiavari_G |
| Journal title | Journal of Mass Spectrometry |
| ISSN | 1076-5174 |
| Publisher | Wiley UK |
| Year of publication | 1995 |
| Volume | 30 |
| Issue | 2 |
| Supplement | 0 |
| Page range | 333-338 |
| Number of pages | 6 |
| User name | Adonis |
| Cost centre | Development |
| PCC | \$17.50 |
| Date and time | Friday, November 17, 2000 3:22:07 PM |

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DOCUMENT NUMBER: 110:207689
TITLE: Application of capillary gas chromatography with mass selective detection to pesticide residue analysis
AUTHOR(S): Stan, Hans Juergen
CORPORATE SOURCE: Inst. Lebensmittelchem., Tech. Univ. Berlin, Berlin, 1000/65, Fed. Rep. Ger.
SOURCE: J. Chromatogr. (1989), 467(1), 85-98
CODEN: JOCRAM; ISSN: 0021-9673
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 333-41-5, Diazinon 23505-41-1, Pirimiphos-ethyl
29232-93-7, Pirimiphos-methyl
RL: ANST (Analytical study)
(detn. of residues of, by capillary gas chromatog.-mass spectrometry)
RN 333-41-5 CAPLUS
CN Phosphorothioic acid, O,O-diethyl O-[6-methyl-2-(1-methylethyl)-4-pyrimidinyl] ester (9C)

ACCESSION NUMBER: 1996:427215 CAPLUS
DOCUMENT NUMBER: 125:195564
TITLE: Approaches to **combinatorial** synthesis of heterocycles: solid phase synthesis of pyridines and pyrido[2,3-d]pyrimidines
AUTHOR(S): Gordeev, Mikhail F.; Patel, Dinesh V.; Wu, Jie; Gordon, Eric M.
CORPORATE SOURCE: Affymax Research Inst., Santa Clara, CA, 95051, USA
SOURCE: Tetrahedron Lett. (1996), 37(27), 4643-4646
CODEN: TELEAY; ISSN: 0040-4039
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 125:195564
IT 873-83-6
RL: RCT (Reactant)
(solid phase synthesis of pyridines and pyridopyrimidines)
RN 873-83-6 CAPLUS
CN 2,4(1H,3H)-Pyrimidinedione, 6-amino- (9CI) (CA INDEX NAME)



ACCESSION NUMBER: 2000:498549 CAPLUS
DOCUMENT NUMBER: 133:252235
TITLE: A divergent protocol for solid-phase synthesis of
highly substituted bi-aryl furan derivatives
AUTHOR(S): Han, Y.; Roy, A.; Giroux, A.
CORPORATE SOURCE: Merck Frosst Centre for Therapeutic Research,
Department of Medicinal Chemistry, Merck Frosst
Canada & Co., Pointe-Claire-Dorval, QC, H9R 4P8, Can.
SOURCE: Tetrahedron Lett. (2000), 41(29), 5447-5451
CODEN: TELEAY; ISSN: 0040-4039
PUBLISHER: Elsevier Science Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English

ACCESSION NUMBER: 2000:85993 CAPLUS
DOCUMENT NUMBER: 132:251359
TITLE: Synthesis of novel C-nucleosides with potential
applications in **combinatorial** and parallel
synthesis
AUTHOR(S): Adlington, Robert M.; Baldwin, Jack E.; Pritchard,
Gareth J.; Spencer, Keith C.
CORPORATE SOURCE: The Dyson Perrins Laboratory, Oxford, OX1 3QY, UK
SOURCE: Tetrahedron Lett. (2000), 41(4), 575-578
CODEN: TELEAY; ISSN: 0040-4039
PUBLISHER: Elsevier Science Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 132:251359
IT **263006-31-1P 263006-32-2P 263006-33-3P**
263006-34-4P
RL: RCT (React

ACCESSION NUMBER: 2000:135955 CAPLUS
DOCUMENT NUMBER: 132:279178
TITLE: Syntheses of 2-Alkylamino- and 2-Dialkylamino-4,6-diarylpyridines and 2,4,6-Trisubstituted Pyrimidines Using Solid-Phase-Bound Chalcones
AUTHOR(S): Katritzky, Alan R.; Serdyuk, Larisa; Chassaing, Christophe; Toader, Dorin; Wang, Xiaojing; Forood, Behrouz; Flatt, Brenton; Sun, Congcong; Vo, Kim
CORPORATE SOURCE: Center for Heterocyclic Compounds Department of Chemistry, University of Florida, Gainesville, FL, 32611-7200, USA
SOURCE: J. Comb. Chem. (2000), 2(2), 182-185
CODEN: JCCHFF; ISSN: 1520-4766
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 132:279178
IT 263913-76-4P 263913-78-6P 263913-80-0P
RL: SPN (Synthetic preparat)

ACCESSION NUMBER: 1998:239203 CAPLUS
 DOCUMENT NUMBER: 128:282845
 TITLE: Solid phase synthesis of heterocyclic compounds
 INVENTOR(S): Marzinzik, Andreas; Felder, Eduard
 PATENT ASSIGNEE(S): Novartis A.-G., Switz.; Marzinzik, Andreas; Felder, Eduard
 SOURCE: PCT Int. Appl., 36 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

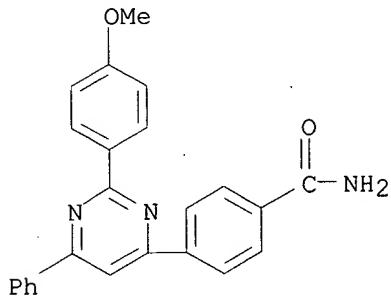
| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|--------------|--------------------|-----------------|----------|
| WO 9815532 | A1 | 19980416 | WO 1997-EP5547 | 19971008 |
| W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG | | | | |
| AU 9749456 | A1 | 19980505 | AU 1997-49456 | 19971008 |
| PRIORITY APPLN. INFO.: | | | EP 1996-810676 | 19961009 |
| | | | WO 1997-EP5547 | 19971008 |
| OTHER SOURCE(S): | CASREACT | 128:282845; MARPAT | 128:282845 | |
| IT 186685-98-3P | 201222-90-4P | 201222-92-6P | | |
| 201222-93-7P | 201222-94-8P | 201222-95-9P | | |
| 201222-97-1P | 201222-98-2P | 205760-68-5P | | |
| 205760-70-9P | 205760-73-2P | 205760-74-3P | | |
| 205760-75-4P | 205760-76-5P | 205760-77-6P | | |
| 205760-78-7P | 205760-79-8P | 205760-82-3P | | |
| 205760-84-5P | 205760-87-8P | 205760-89-0P | | |
| 205760-91-4P | | | | |
| RL: SPN (Synthetic preparation); PREP (Preparation) | | | | |
| (solid phase synthesis of heterocyclic compds.) | | | | |
| RN 186685-98-3 | CAPLUS | | | |
| CN Benzamide, 4-(2-amino-6-methyl-4-pyrimidinyl)- | (9CI) | (CA INDEX NAME) | | |

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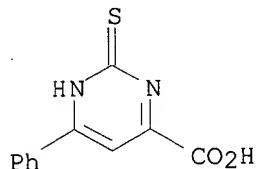
L27 ANSWER 23 OF 30 CAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 1997:141020 CAPLUS
DOCUMENT NUMBER: 126:157521
TITLE: **Combinatorial libraries of substrate-bound cyclic organic compounds**
INVENTOR(S): Desai, Manoi C.; Nuss, John M.; Spear, Kerry L.;
Singh, Rajinder; Renhowe, Paul A.; Brown, Edward G.;
Richter, Lutz; Scott, Barbara O.
PATENT ASSIGNEE(S): Chiron Corporation, USA
SOURCE: PCT Int. Appl., 100 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|----------|
| WO 9640201 | A1 | 19961219 | WO 1996-US7684 | 19960523 |
| W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI | | | | |
| RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML | | | | |
| US 5958792 | A | 19990928 | US 1995-485006 | 19950607 |
| CA 2221508 | AA | 19961219 | CA 1996-2221508 | 19960523 |
| AU 9659320 | A1 | 19961230 | AU 1996-59320 | 19960523 |

ACCESSION NUMBER: 1998:48185 CAPLUS
DOCUMENT NUMBER: 128:102053
TITLE: Key Intermediates in **Combinatorial**
Chemistry: Access to Various Heterocycles from
.alpha.,.beta.-Unsaturated Ketones on Solid Phase
AUTHOR(S): Marzinzik, Andreas L.; Felder, Eduard R.
CORPORATE SOURCE: Novartis Pharma AG, Core Technology Area, Basel,
CH-4002, Switz.
SOURCE: J. Org. Chem. (1998), 63(3), 723-727
CODEN: JOCEAH; ISSN: 0022-3263
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 201222-90-4P 201222-91-5P 201222-92-6P
201222-93-7P 201222-94-8P 201222-95-9P
201222-97-1P 201222-98-2P
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of **combinatorial libraries** of heterocycles
using .alpha.,.beta.-unsatd. ketones as key intermediates on solid
phase.)
RN 201222-90-4 CAPLUS
CN Benzamide, 4-[2-(4-methoxyphenyl)-6-phenyl-4-pyrimidinyl]- (9CI) (CA
INDEX NAME)



ACCESSION NUMBER: 1997:151137 CAPLUS
DOCUMENT NUMBER: 126:251130
TITLE: A novel and efficient approach for the
combinatorial synthesis of structurally
diverse pyrimidines on solid support
AUTHOR(S): Obrecht, Daniel; Abrecht, Christine; Grieder, Alfred;
Villalgordo, Jose M.
CORPORATE SOURCE: Hoffmann-La Roche A.-G., Basel, CH-4070, Switz.
SOURCE: Helv. Chim. Acta (1997), 80(1), 65-72
CODEN: HCACAV; ISSN: 0018-019X
PUBLISHER: Verlag Helvetica Chimica Acta
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 126:251130
IT 188633-45-6DP, resin-bound 188633-46-7DP, resin-bound
188633-47-8DP, resin-bound
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)
(combinatorial synthesis of pyrimidines on solid support)
RN 188633-45-6 CAPLUS
CN 4-Pyrimidinecarboxylic acid, 1,2-dihydro-6-phenyl-2-thioxo- (9CI) (CA
INDEX NAME)



mic/par
QD, H4